



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
State Revolving Fund Loan Program
L & C Tower, 8th Floor
401 Church Street
Nashville, TN 37243

FINDING OF NO SIGNIFICANT IMPACT AMENDMENT
Approval of Facilities Plan Amendment
Nashville (Davidson County), Tennessee
Project No. SRF 2008-212

November 25, 2008

The National Environmental Policy Act requires federally designated agencies to determine whether a proposed major agency action will significantly affect the environment. One such major action, defined by Section 511(c)(1) of the Clean Water Act, is the approval of a facilities plan prepared pursuant to Title VI of the Clean Water Act. In making this determination, the State Revolving Fund (SRF) Loan Program assumes that all facilities and actions recommended by the plan will be implemented. The State's analysis concludes that implementing the plan will not significantly affect the environment; accordingly, the State Revolving Fund Loan Program is issuing this Finding of No Significant Impact (FNSI) Amendment for public review.

A previous FNSI, dated January 14, 2008, included construction of a 10-million gallon dome-covered circular concrete flow equalization basin in order to reduce rainfall-induced overflows at a manhole in a pasture that drains to a tributary of the Cumberland River. The previous FNSI also included a new pump station with three 30-million gallons per day submersible pumps to direct excessive flows to the equalization basin. A copy of the previous FNSI may be viewed at the offices of the State Revolving Fund Loan Program.

This FNSI Amendment addresses increasing the size of the equalization basin from 10-million gallons to 15-million gallons. The current site is adequate to accommodate this change. The figures showing the facilities planning area and project location are attached.

Attached is an Environmental Assessment Amendment containing detailed information supporting this action. Comments supporting or disagreeing with this proposed action received within 30 days of the date of this FNSI Amendment will be evaluated before we make a final decision to proceed. If you wish to comment or to challenge this FNSI Amendment, send your written comment(s) to:

Mr. Sam R. Gaddipati, Manager
State Revolving Fund Loan Program
Tennessee Department of Environment and Conservation
L & C Tower, 8th Floor
Nashville, TN 37243

or contact him by telephone at (615) 532-0445 or by e-mail at sam.gaddipati@state.tn.us.

ENVIRONMENTAL ASSESSMENT AMENDMENT

Nashville (Davidson County), Tennessee

Project No. SRF 2008-212

November 25, 2008

A. PROPOSED FACILITIES AND ACTIONS; FUNDING STATUS

A previous Environmental Assessment (EA) statement, dated January 14, 2008, included construction of a 10-million gallon dome-covered circular concrete flow equalization basin in order to reduce rainfall-induced overflows at a manhole in a pasture that drains to a tributary of the Cumberland River. The previous FNSI also included a new pump station with three 30-million gallons per day submersible pumps to direct excessive flows to the equalization basin. A copy of the previous EA may be viewed at the offices of the State Revolving Fund Loan Program.

This EA Amendment addresses increasing the size of the equalization basin from 10-million gallons to 15-million gallons. The current site is adequate to accommodate this change. The figures showing the facilities planning area and project location are attached.

B. REASONS FOR CHANGE

After additional hydraulic analysis, Metropolitan Nashville Water Services has developed an improved hydraulic model of the sewage drainage basin that drains to the site of the proposed equalization basin. This improved model indicates that a 15 million gallon equalization basin will be required as opposed to the originally proposed 10 million gallon basin.

C. ENVIRONMENTAL CONSEQUENCES; MITIGATIVE MEASURES

During the construction phase, short-term environmental impacts due to noise, dust, mud, disruption of traffic, runoff of silt with rainfall, etc., are unavoidable. Minimization of these impacts will be required; however, many of these minimization measures will only be temporary. Using the following measures to prevent erosion will minimize impacts on the environment:

1. Specifications will include temporary and permanent measures to be used for controlling erosion and sediment.
2. Soil or landscaping maintenance procedures will be included in the specifications.
3. The contractor will develop an Erosion Control Plan. It will contain a construction schedule for each temporary and permanent measure controlling erosion and sediment. It will include the location, type, and purpose for each measure and the times when temporary measures will be removed or replaced.

These measures, along with requiring the contractor to return the construction site to as-good-as or better-than its original condition, will prevent any adverse impacts due to erosion.

No prime or unique agricultural lands or wetlands were identified and therefore will not be adversely affected. Effects on flora and fauna will be confined and temporary. No endangered species of flora or fauna were identified within the proposed construction corridor.

D. SPECIAL CONDITION

The State Revolving Fund loan agreement will have the following special condition:

An archaeological assessment must be conducted for the potential presence of intact cultural resources (including human burials) in the proposed project area. Copies of the assessment and

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findings must be submitted to the Tennessee Historical Commission, the Division of Archaeology, and the State Revolving Fund Loan Program. Any findings that must be preserved shall be removed/protected/preserved in accordance with state and federal laws, regulations, and/or policies.